

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

Claims 1-10 (Cancelled)

11. (Currently Amended) A motor-driven wheel driving apparatus comprising:

a wheel bearing, a planetary reduction gear, a driving section having an electric motor for driving the planetary reduction gear and a rotation member;

the wheel bearing including a wheel hub formed with a wheel mounting flange on one end, an inner ring press-fit on a cylindrical portion of the wheel hub, said inner ring formed with at least one double row inner raceway surfaces on ~~[[its]]~~ an outer circumferential surface, an outer member formed with double row outer raceway surfaces on ~~[[its]]~~ an inner circumferential surface opposite to the inner raceway surfaces, and double row rolling elements rollably arranged between the inner and outer raceway surfaces;

the planetary reduction gear including an input element mounted on the rotation member, a stationary element mounted on the inner circumferential surface of the outer member, a plurality of planetary elements arranged between the stationary element and the input element, and an output element for rotatably supporting the planetary elements relative to a connecting shaft;

the driving section forming the electric motor including a stator housing mounted on the outer member, a stator portion contained within the stator housing, and

a rotor portion secured on the rotation member and arranged oppositely to the stator portion via a predetermined air gap;

the connecting shaft removably and torque-transmittably connected to the wheel hub, said connecting shaft adapted to drive a wheel by transmitting the rotation of the electric motor to the wheel hub via the planetary reduction gear;

a braking apparatus is directly associated with the rotation member for terminating rotation of said rotation member.

12. (Previously Presented) The motor-driven wheel driving apparatus of claim 11 wherein the planetary reduction gear comprises a sun gear mounted on the rotation member, a plurality of planetary gears meshing both with external teeth of the sun gear and with internal teeth formed on the inner circumferential surface of the outer member, and a carrier pin projecting from the outer circumferential portion of the connecting shaft to rotatably support the planetary gears.

13. (Cancelled)

14. (Previously Presented) The motor-driven wheel driving apparatus of claim 13 wherein the braking apparatus is a parking brake.

15. (Previously Presented) The motor-driven wheel driving apparatus of claim 14 wherein the parking brake comprises an intermediate member held on the stator

housing, and an actuator for engaging and disengaging the intermediate member with the rotation member by displacing the intermediate member.

16. (Previously Presented) The motor-driven wheel driving apparatus of claim 15 wherein a plurality of recesses are formed on the rotation member, the stator housing is formed with a plurality of through apertures corresponding to the recesses, the intermediate member, having a tapered surface, is contained in the through passage, and the intermediate member can be adapted to be engaged and disengaged with the recess while being displaced by a cylindrical member engaging the tapered surface.

17. (Previously Presented) The motor-driven wheel driving apparatus of claim 15 wherein a plurality of recesses and tapered surfaces are formed on the rotation member, the intermediate member is formed with projecting portions and tapered surfaces adapted to be engaged, respectively, with the recesses and the tapered surfaces of the rotation member, and the intermediate member is held so as to be able to transmit a torque to the stator housing and to be axially displaced.

18. (Currently Amended) The motor-driven wheel driving apparatus of claim 11 wherein the planetary reduction gear has first and second planetary gears connected to each other via the connecting shaft, and the power of the electric motor can be adapted to be transmitted to the wheel hub by reducing the rotation of the electric motor to two steps via the first and second planetary reduction gears.

19. (Previously Presented) The motor-driven wheel driving apparatus of claim 18 wherein the first planetary reduction gear comprises a first sun gear mounted on the stator housing, a first plurality of planetary gears meshing both with external teeth of the first sun gear and with internal teeth formed on the inner circumferential surface of the rotation member, and carrier pins for rotatably supporting the first plurality of planetary gears relative to a first connecting shaft; the second planetary reduction gear comprises a second sun gear mounted on the first connecting shaft, a second plurality of planetary gears meshing both with external teeth of the second sun gear and with internal teeth formed on the inner circumferential surface of the outer member, and carrier pins for rotatably supporting the second plurality of planetary gears relative to a second connecting shaft; and the second connecting shaft is connected to the wheel hub.

20. (Previously Presented) The motor-driven wheel driving apparatus of claim 11 wherein the stator housing is separably fastened to the outer member.